

David Bliss, AIA, LEED BD+C

Bliss Enclosure Consulting + Design

(e) david@blissenclosuredesign.com

(m) 781-424-3959

Summary	<p>Consulting for projects that leverages broad experience with building enclosures and architecture including:</p> <ul style="list-style-type: none">• Building assessments and investigations• Building science and enclosure commissioning• Heritage and contemporary building enclosure systems• Sustainable solutions• Historic preservation
Experience	<p>Bliss Enclosure Consulting + Design Principal 2020</p> <p>Boston Architectural College, Gateway Program Embedded Expert Faculty, Net Zero Boston City Hall 2020 - 2021</p> <p>Simpson Gumpertz & Heger (2007 – 2020) Senior Project Manager 2011</p> <p>Shepley Bulfinch Richardson & Abbott (1989 – 2007) Associate 1998 Senior Associate 2005</p> <p>Tellalian Associates Architects & Planners (1987 – 1989)</p>
Education	<p>Boston Architectural Center, Bachelor of Architecture, 1992</p> <p>Tufts University, Bachelor Science, cum laude, 1987 Engineering, minor in Architectural History,</p> <p>Greenfield Community College, Associates Engineering Science, 1984</p> <p>Sterling School Grassroots Project, Diploma, 1976</p>
Professional Affiliations	<p>American Institute of Architects</p> <p>Boston Society of Architects Past Co-chair Construction Administration Roundtable</p> <p>Melrose Massachusetts Energy Commission Co-chair</p> <p>Passive House Massachusetts</p> <p>United States Green Building Council (USGBC)</p> <p>USGBC-MA, (Massachusetts Chapter)</p>
Registrations	<p>Registered Architect in Vermont and Massachusetts</p> <p>USGBC LEED BD+C</p>

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Presentations

Using Environmental Whole Building Life Cycle Assessment (LCA) and Energy Modeling to Compare Lifetime Environmental Impacts
ASHRAE Buildings XIV Conference Paper (co-author)

Zero (Net) Energy Buildings
Northeastern University Sustainable Building Organization
Simpson Gumpertz & Heger

Climate Change for Engineers and Architects
Simpson Gumpertz & Heger (co-presenter)

Getting it Right: Building Enclosure Commissioning & Construction Phase Testing
Architecture Boston Expo (co-presenter)

Saving the Bones, Adaptive Renovation of a 19th Century Gymnasium
Build Boston, Boston MA (co-presenter)

Adaptive Reuse and Salvaging Rare Building Materials
Renovation and Restoration, Boston MA (co-presenter)

Restoration of the McKim Building
National Endowment for the Arts, Teacher's Institute

Use of Laser Technology for Existing Conditions Survey
Build Boston, Boston MA (co-presenter)

Existing Conditions Methodologies & Technologies
Renovation and Restoration, Washington DC (co-presenter)

Extreme Impacts; Measured Response, The BPL Flood
Association for Preservation Technology, Toronto, Canada

Representative Project Experience

Assessment and Investigation

Bread Loaf Campus, Middlebury College
Assessment and rehabilitation plan for 42 campus buildings

Boston Convention and Exhibition Center, Boston, MA.
Enclosure leakage investigation/repair; multiple projects

Boston University, Kilachand Hall, Boston MA
Masonry investigation and assessment report

Boston University, Thurman Center, Brookline MA
Masonry and window investigation and assessment

Bunker Hill Community College, Charlestown, MA
Buildings B and E enclosure assessments

CityPoint, 500 Totten Pond Road, Waltham, MA.
Solar reflection thermal study

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- Harbor Hill Apartments, Provincetown, MA
Multiple building enclosure assessments
- Harvard University, Hilles Hall Plaza Reconstruction, Cambridge MA
Plaza waterproofing assessment and replacement
- Multiple Buildings, Hanscomb AFB, Bedford, MA
Pre-purchase exterior envelope assessment
- Middleton House of Corrections, Middleton MA
Campus building assessment
- Ocean Avenue Residence, Wells ME
Water damage assessment
- Rockledge Road Residence, Swampscott MA
Floor coating failure assessment
- Seal Harbor, Winthrop MA
Water leakage investigation
- Standish Street Residence, Hull MA
Moisture/humidity investigation
- Temple Emeth, Chestnut Hill MA
Water leakage investigation
- University of Michigan, Ann Arbor MI
Multiple projects, assessment and rehabilitation documents
- Veteran Affairs Medical Center, Brockton MA
Building 3 and Building 23 investigation and assessment
- Woburn Public Library Addition and Alterations, Woburn, MA
Exterior enclosure preservation assessment and design documents
- Worcester State University Dowden Hall, Worcester, MA.
Interior condensation investigation and report
- 5 Neponset Street, Worcester MA
Office building pre-purchase enclosure assessment
- 101 Cedar Street Milford MA
Pre-purchase enclosure assessment
- 222 Berkeley Street/500 Boylston Street, Boston MA
Pre-purchase enclosure assessments
- 260 Summer Street, Boston MA
Pre-purchase enclosure assessment
- 650 Pleasant Street, Watertown MA
Design-build preconstruction building assessment

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900 Union Street, Westborough MA
Pre-purchase enclosure assessment

Building Enclosure Commissioning (BECx) and Consulting

Boston University, Thurman Center, Boston, MA
Building enclosure consulting, masonry repair documents

Bristol-Meyer Squibb, Biologics & Clinical Manufacturing Buildings, Devens MA
Building enclosure consulting and testing

Holyoke Community College Campus Center, Holyoke, MA
Building-enclosure commissioning

Innovation Square 2, South Boston MA
Building enclosure consulting

IDEXX Laboratories Corporate Office Expansion, Westbrook ME
Building enclosure consulting

Lowell Judicial Center, Lowell MA
Building Enclosure commissioning

Massachusetts College of Art and Design, Art Galleries, Boston, MA
Building-enclosure evaluation and consulting

Middleton House of Corrections, Middleton MA
Building enclosure consulting

One Channel Center, Office Building, Boston MA
Building envelope peer review and CA phase consulting

Pfizer Clinical Manufacturing Building, Andover MA
Building enclosure consulting and testing

Plymouth South High School, Plymouth MA
Building Enclosure commissioning

Russia Wharf, Office and Residential Buildings, Boston MA
Building enclosure/waterproofing consulting and testing

Saltonstall School and Collins School Renovations, Salem MA
Building enclosure commissioning

Shire Buildings 200 and 400, Lexington MA
Building enclosure design review and CA phase consulting

Samuel Tak Lee Building, MIT, Cambridge MA
Curtain wall replacement

St. Mark's School, New Residence Hall, Southborough MA
Building enclosure consulting and peer review

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Veteran Affairs Medical Center, Jamaica Plain MA
Building enclosure consulting

319 A Street, Boston MA
Building enclosure peer review and CA phase consulting

Architecture & Preservation

Amherst College, Pratt Residence Hall, Amherst MA
Addition/renovation

Africana Center Addition & Renovation, Cornell University, Ithaca NY
Addition/renovation

Boston Public Library, McKim Building, Boston, MA
Renovation and Restoration, Phases 2A – 2C

East Highland Street Residence, Melrose MA
Addition and renovation

Emma Willard School Community Life Project, Troy NY
Restoration/Renovation and Addition

Franklin Street Residence, Stoneham MA
Addition and renovation

Harvard Business School, Gallatin Hall, Allston, MA
Renovation/restoration

Tufts University, Tisch Library Medford, MA
Addition & Renovation

Waltham Public Library, Waltham MA
Addition and Alterations

Accessibility & Code

Brighton Courthouse, Renovations Brighton, MA
Accessibility consulting

Howe Library, Hanover NH
Addition and renovation code study

Ledgemont Office Park, Lexington MA
Prepurchase accessibility study

Madbury Commons, Durham NH
Post-occupancy code review

Quarry Hill Community School, Monson MA

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Accessibility study and improvements

Residential Apartment Building, Boston MA
Fire damage renovation accessibility study

Suffolk County House of Correction, Boston MA
Accessibility study and improvements

Taunton Alternative High School, Taunton MA
Accessibility study and improvements

University of Connecticut, Storrs CT
Building renovation, construction phase egress plan